



"Somersetshire" & "Dorsetshire"  
General Arrangement

Dorsetshire. Son 14520

RETAINED



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Foundation

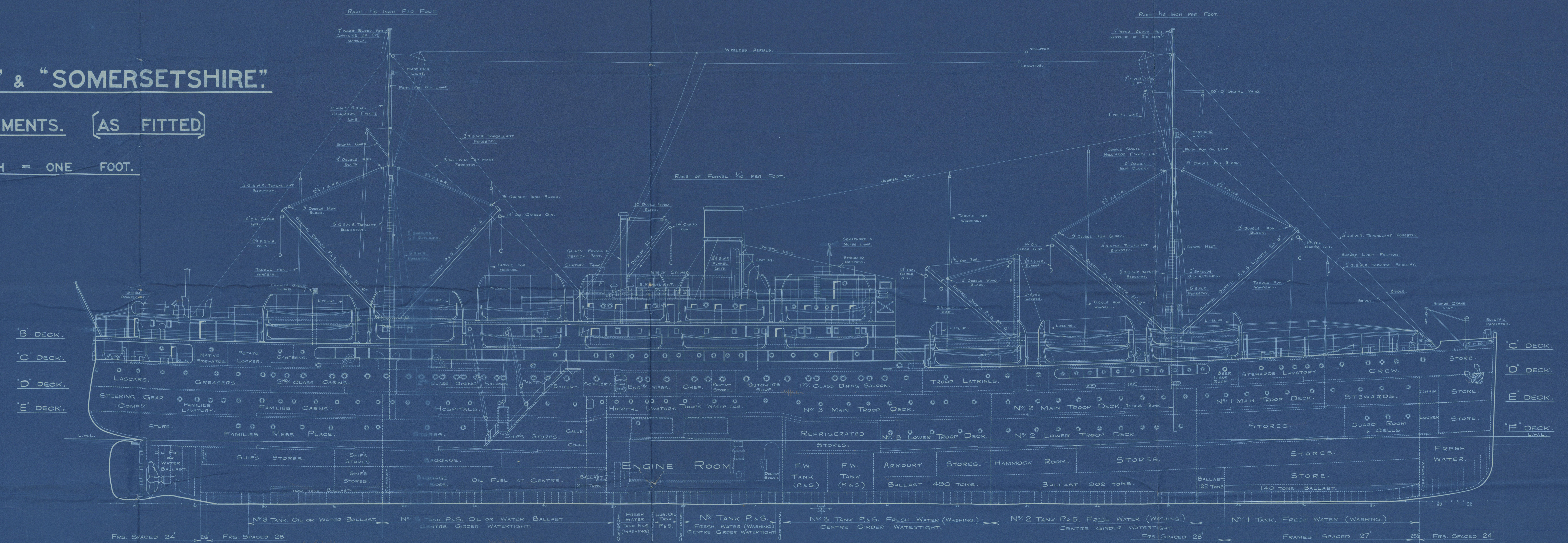
W1647-0216



# M. V.s. "DORSETSHIRE" & "SOMERSETSHIRE".

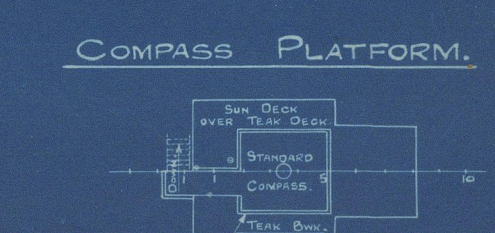
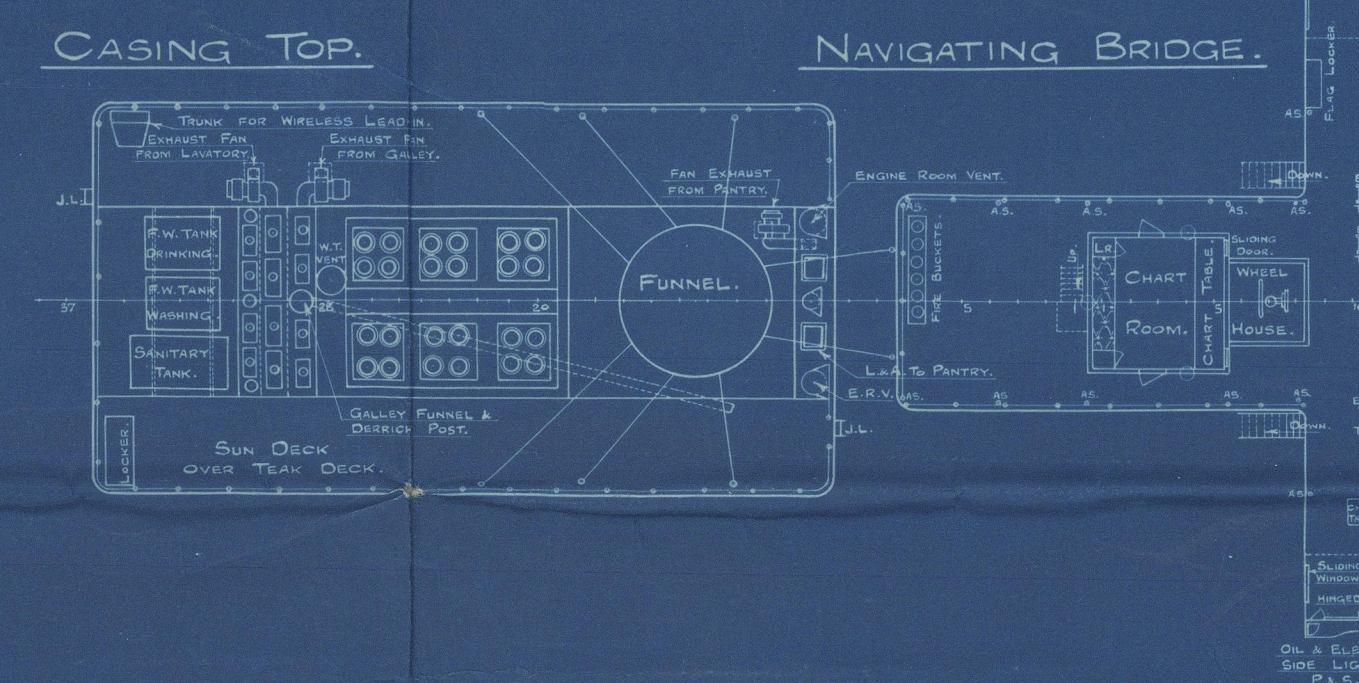
GENERAL ARRANGEMENTS. (AS FITTED)

SCALE 1/16 INCH = ONE FOOT.

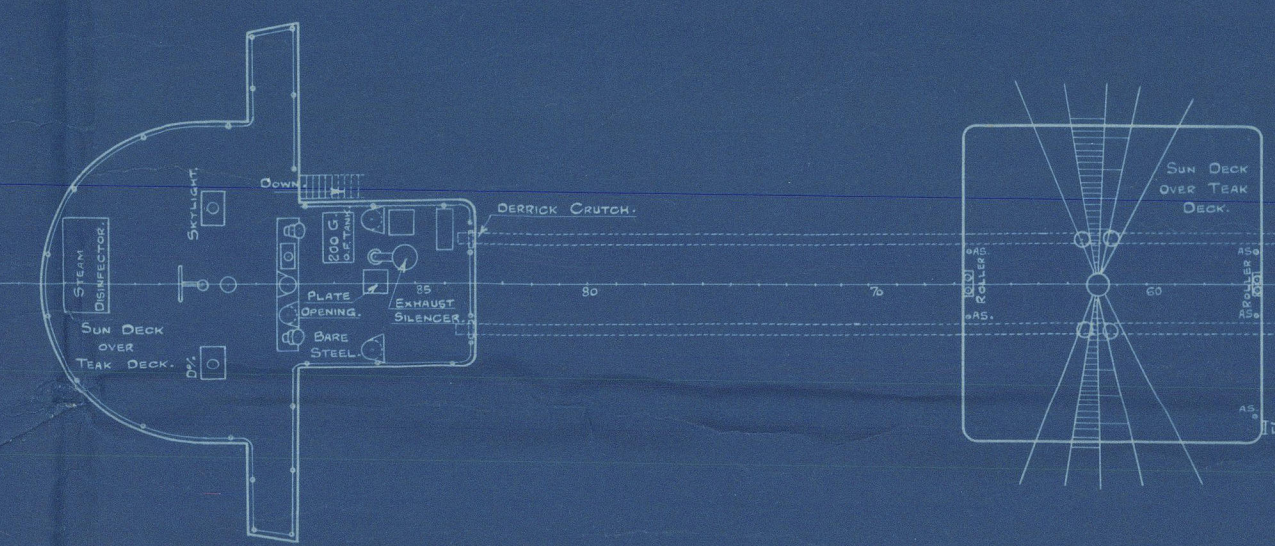


SUMMARY OF ACCOMMODATION.

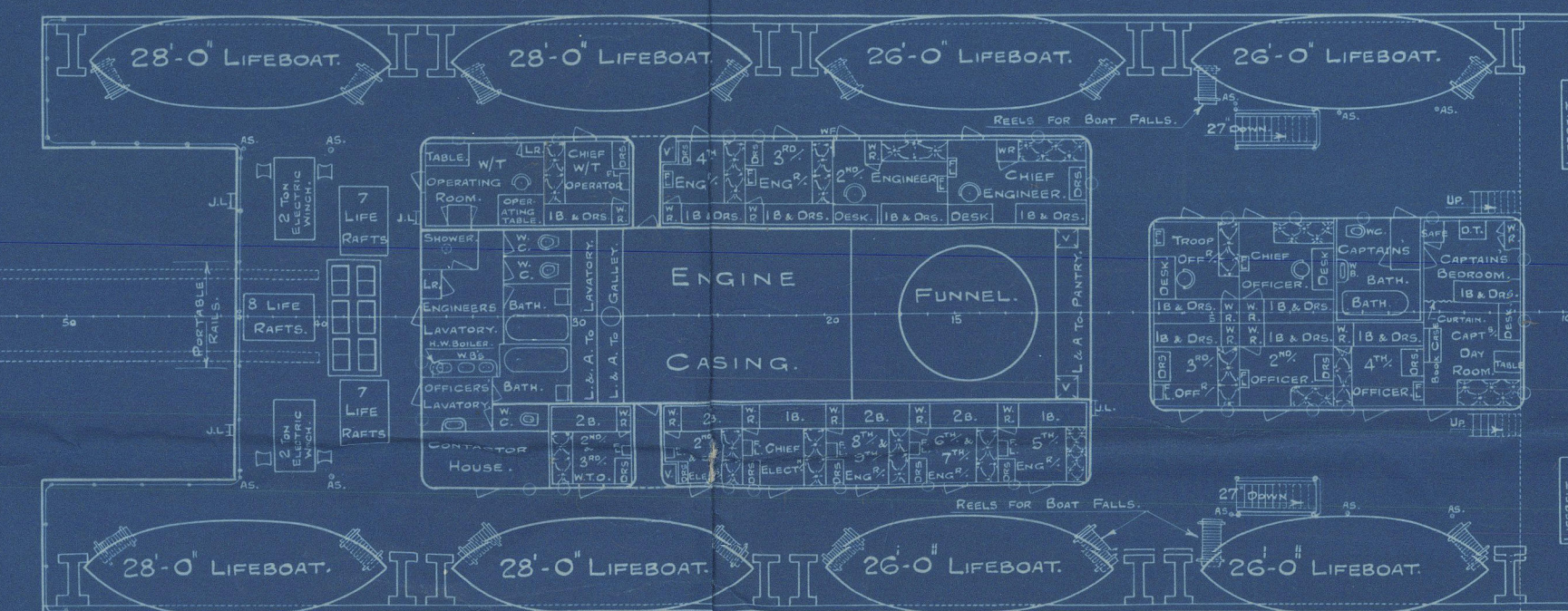
FIRST CLASS.....	114 (INCLUDING O.C.S.M.O. & 2 CHAPLAINS.)
SECOND CLASS.....	58 (INCLUDING 5 PERMANENT STAFF.)
FAMILIES.....	108
TROOPS.....	1400 MESSING. 1122 SLEEPING.
R.A.M.C. STAFF.....	4



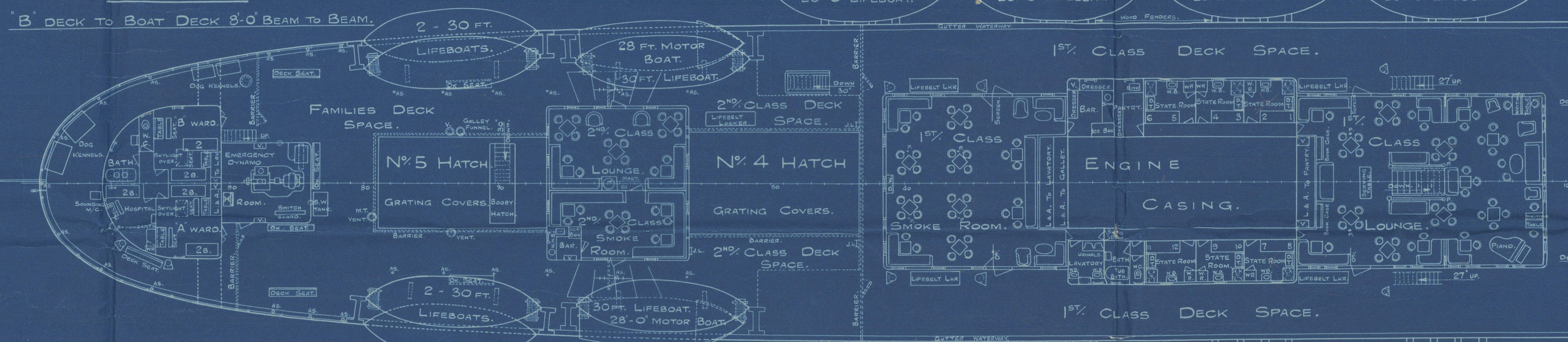
DOCKING BRIDGE.



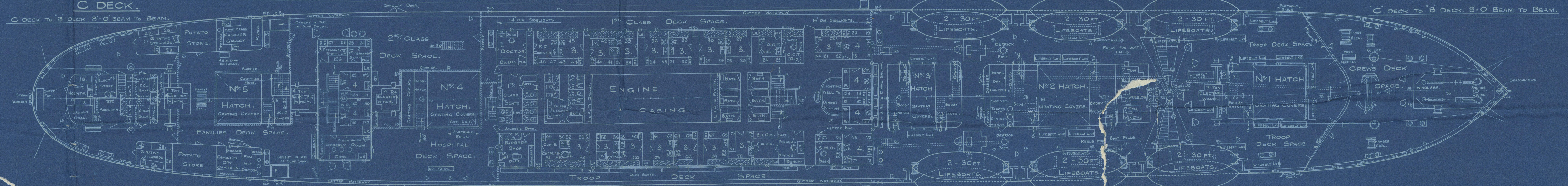
BOAT DECK.



B DECK.



C DECK.



DECK COVERINGS.

- | A DECK.                                     | B DECK.   | C DECK.   |
|---|---|---|
| 1. EXPOSED DECK COVERED WITH 2 1/2 TEAK.    | 1. OUTSIDE DECKHOUSES, DECK COVERED WITH 2 1/2 PITCH PINE THROUGHOUT. | 1. OUTSIDE DECKHOUSES, DECK COVERED WITH 2 1/2 PITCH PINE THROUGHOUT. |
| 2. 2 1/4 OREGON PINE IN ACCOMMODATION.      | 2. CEMENT & GRANITE CHIPPINGS WITH RUBULING IN PUBLIC ROOMS.          | 2. 2 1/4 OREGON PINE IN ACCOMMODATION.                                |
| 3. TILES IN CAPTAINS & OFFICERS LAVATORIES. | 3. BARS, PANTRY & LAVATORIES TILED.                                   | 3. GRANULITIC CEMENT IN GALLEYS & CANTEENS.                           |
|   | 4. 2 1/4 OREGON PINE IN STATE ROOMS & ISOLATION HOSPITAL.             | 4. CEMENT & GRANITE CHIPPINGS WITH RUBULING IN 1 1/2 CLASS ENTRANCE.  |
|   |   | 5. TILES IN LAVATORIES & BATH ROOMS.                                  |
|   |   | 6. WOOD GRATINGS ON DECK IN POTATO STORES.                            |

BERTH NUMBERING.

WHERE BERTHS ARE IN DOUBLE TIER EVEN NUMBER DENOTES UPPER BERTH.



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W164-0217



# M. V's. "DORSETSHIRE" & "SOMERSETSHIRE."

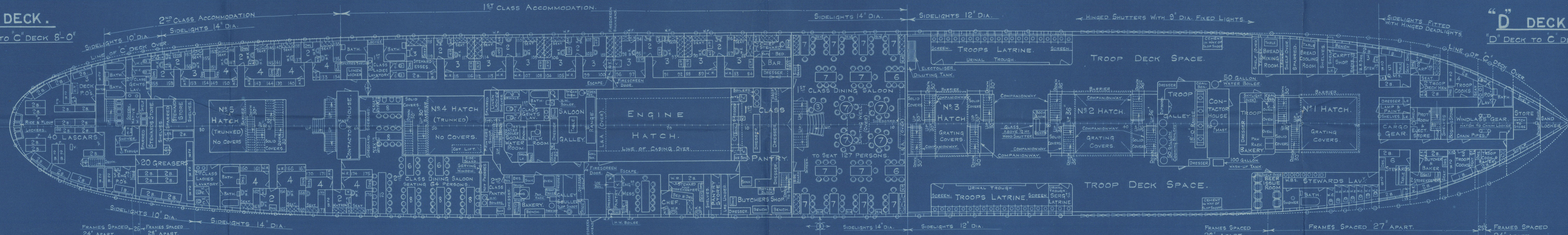
## GENERAL ARRANGEMENTS. [AS FITTED.]

SCALE 1/16 INCH = ONE FOOT.

BERTH NUMBERING:-  
WHERE BERTHS ARE IN DOUBLE TIER,  
EVEN NUMBERS DENOTE UPPER BERTHS.

### "D" DECK.

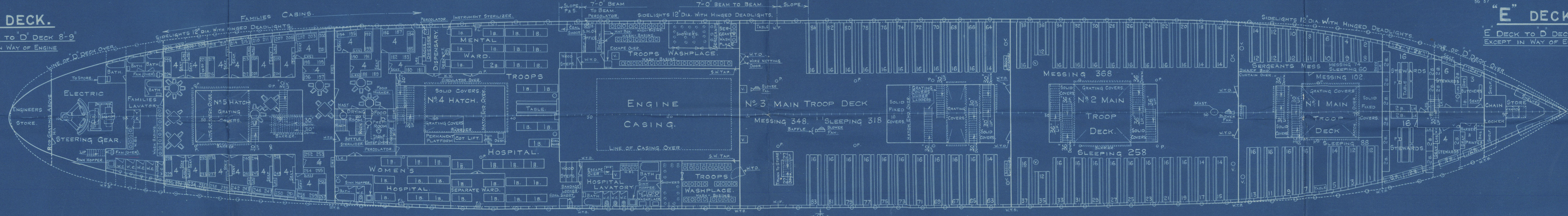
"D" DECK TO "C" DECK 8'-0"



### "E" DECK.

"E" DECK TO "D" DECK 8'-0"

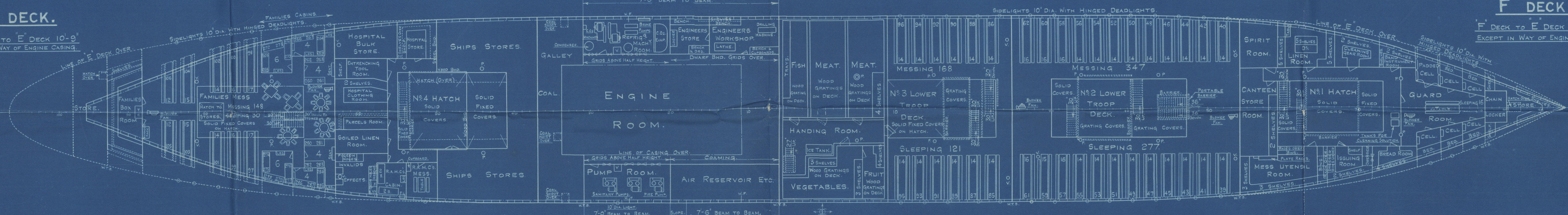
EXCEPT IN WAY OF ENGINE CASING.



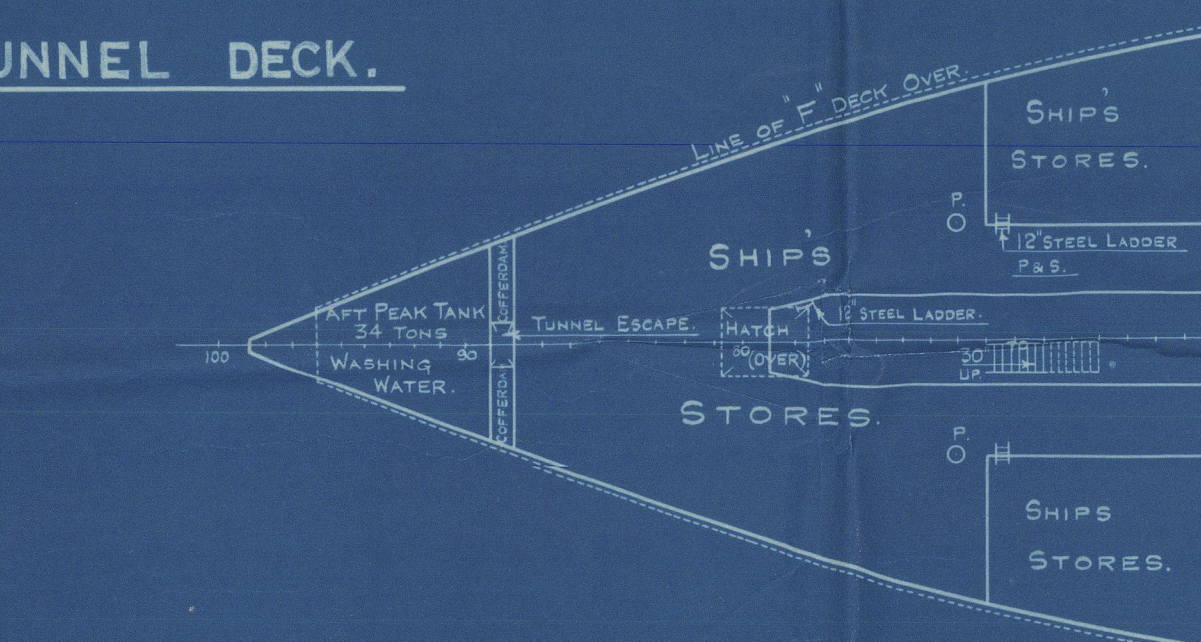
### "F" DECK.

"F" DECK TO "E" DECK 10'-0"

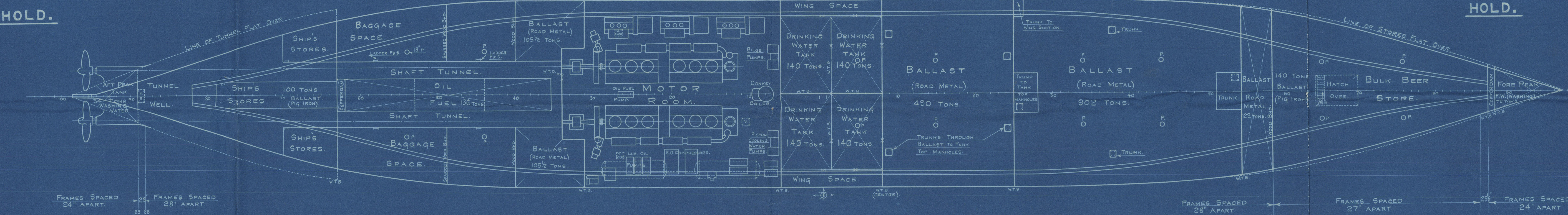
EXCEPT IN WAY OF ENGINE CASING.



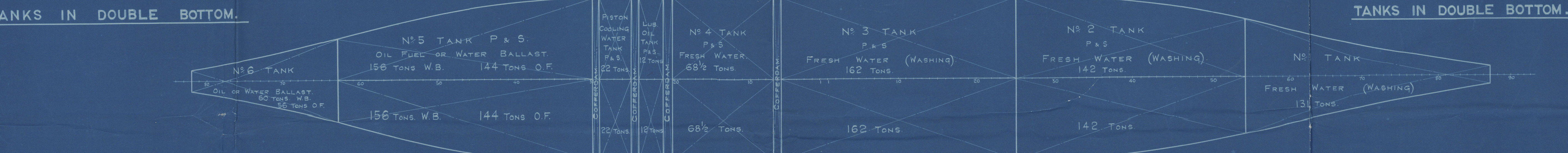
### TUNNEL DECK.



### HOLD.



### TANKS IN DOUBLE BOTTOM.



### DECK COVERINGS.

1. 2" PITCH PINE ON EXPOSED DECK BETWEEN FRG 12 & 73 FORWARD.
2. 2" PITCH PINE IN 1ST & 2ND CLASS CABIN ACCOMMODATION, ALSO POLE ACCOMMODATION.
3. CEMENT & GRANITE CHIPPINGS WITH RUBBLING IN 1ST & 2ND CLASS DINING SALOONS.
4. TILES IN 1ST & 2ND CLASS LAVATORIES, P.O.'S LAV PANTRIES, BAR, SODA WATER ROOM, MILK ROOM, BAKERS SHOP, GALLERY, BUTCHERS SHOP.
5. GRANOLITHIC IN TROOPS LAVINER, STEWARDS LAV, BREAD ROOMS, BEER ISSUE ROOM, AND CARPENTERS WORKSHOP.
6. 2 1/2" GRADE TEAK IN NATIVE CREWS QUARTERS AFT.
7. WOOD GRATINGS ON DECK IN LINEN LOCKERS, STORES, & PRINTERS SHOP.
8. CEMENT IN NATIVE CREWS LAVATORY.

### "E" DECK.

1. NON-SLIP TILES IN FAMILIES LAVATORY, HOSPITAL LAV, AND FOOD PREPARATION ROOM.
2. GRANOLITHIC IN TROOPS WASHPLACES.
3. WOOD GRATINGS ON DECK IN DYING ROOM.
4. BASE STEEL IN STEERING GEAR SPACE AND FORE PEAK STORE.

### "F" DECK.

1. 2" ORSON PINE IN TROOP SPACES, FAMILIES MESS, 2 A.M. CUBIN AND MESS, GUARD ROOM AND CELLS.
2. GRATINGS ON DECK IN STORE ROOMS.

### "D" DECK.

"D" DECK TO "C" DECK 8'-0"

### "E" DECK.

"E" DECK TO "D" DECK 8'-0"

EXCEPT IN WAY OF ENGINE CASING.

### "F" DECK.

"F" DECK TO "E" DECK 10'-0"

EXCEPT IN WAY OF ENGINE CASING.

### STORES FLAT.

8'-0" PARALLEL TO "F" DECK AT SIDE.

### HOLD.

LINE OF STORES FLAT OVER.

### TANKS IN DOUBLE BOTTOM.

LINE OF STORES FLAT OVER.

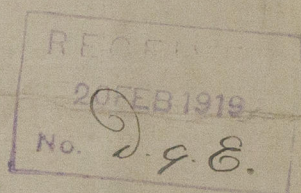


Harland & Wolff Ltd.

Proposed Twin Screw Motor Vessels.

N<sup>os</sup> 578-9

Profile



"Dorsetshire"

Bel-8377



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W11647-0214



### LONGITUDINAL ELEVATION

M.S. No. 450'-0" x 57'-0" x 37'-6" K 785 UPPER D

SCALE  $\frac{1}{8}$  IN. = 1 FOOT

TO CLASS AT LLOYD'S 100 A.M.

Intermediate frames, upper.  
to Forecastle dls  $3\frac{1}{2} \times 3\frac{1}{2} \times 4.00$   
as added to Main frames below



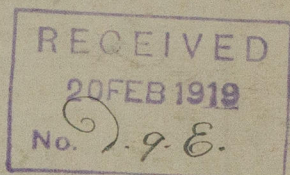


Harland & Wolff. Ltd.

Proposed Motor Vessels. N<sup>os</sup> 578-9

Twin Screw.

Midship Section.



Bel. 8347

"Dorsetshire"



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W1647-0215



*M. S. N<sup>o</sup>*

SCALE  $\frac{1}{2}$  IN. = 1 FOOT.

TO CLASS AT LLOYD'S 100 A.I.

NUMERALS.

$57 + 36.58\checkmark =$	$93.58$
$450 \times 93.58 =$	$42111$

d IN ENG. RM 18.5 WITH 6 ON DEPTH OF BEAM  
KNEES AND TANK SIDE BRACKETS = 18  
d OUTSIDE ENGINE ROOM 13

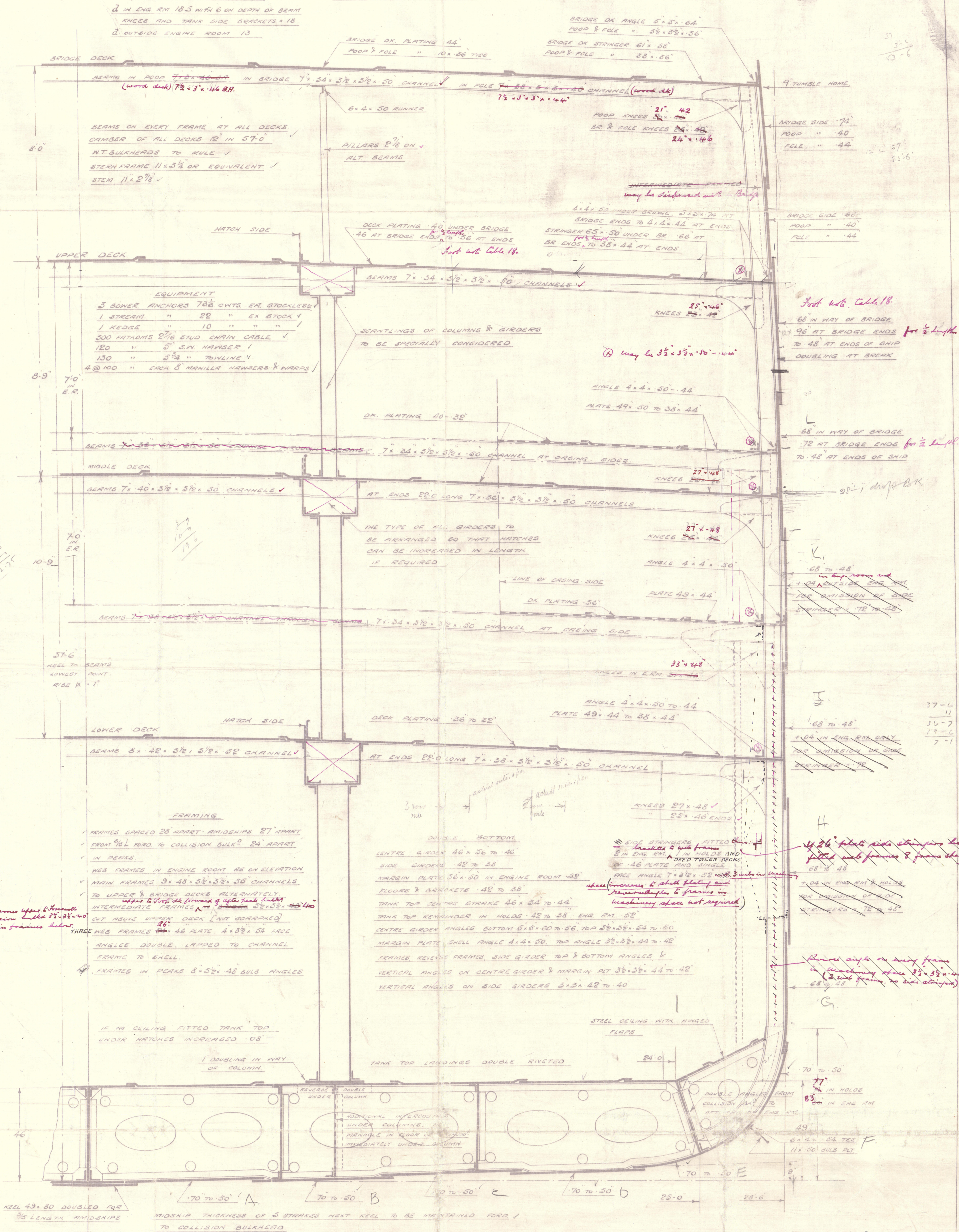
PROPORTIONS

L  
0 TO BRIDGE DECK = 10.1 ✓

" " UPPER " = 12.3 ✓

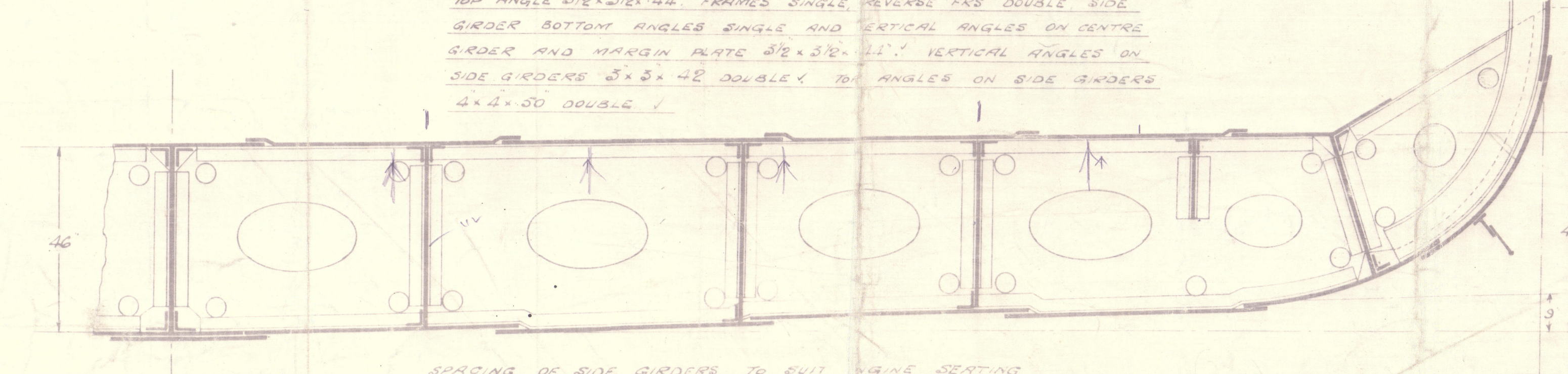
EQUIPMENT NUMBER

$L \times [B + O]$	=	42111 ✓
POOR BRIDGE & FOLE		1290 ✓
Deck House in Brief		<del>480-25</del> 43881-25



SECTION IN WAY OF ENGINES.

CENTRE GIRDER 56" WIDE GIRDERS 42" MARGIN ALT 52. FLOORS & BLS 42"  
TANK TOP CENTRE STRAKE 54" REMINDER .03 CENTRE GIRDER ANGLES  
BOTTOM 5'x1.60" TOP 5'x3/8" 5/16" 1/4" MARGIN PLATE SHELL RING 4'x4" 50"  
TOP ANGLE 3/8"x3/8"x4" FRAMES SINGLE REVERSE FRS DOUBLE SIDE  
GIRDER BOTTOM ANGLES SINGLE AND VERTICAL ANGLES ON CENTRE  
GIRDER AND MARGIN PLATE 5/8"x3/8"x12" VERTICAL ANGLES ON  
SIDE GIRDERS 5'x5'x42" DOUBLE X TOP ANGLES ON SIDE GIRDERS  
4'x4" 50" DOUBLE



SPACING OF SIDE GIRDERS TO SUIT ENGINE SETTING

Harland & Wolff Ltd.  
LONDON GLASGOW  
BELFAST  
at  
SOUTHAMPTON  
BUILDERS & ENGINEERS



Es

Harland & Wolff's  
Main Crank Shafts

Engine nos 5780-5790

Shelf nos 578<sup>B/8</sup> 579<sup>B/8</sup>

Plan no 4353

App'd Plan

No 578 Dorsetshire

No 579 Somersetshire

GLASGOW REPORT No. 41086.

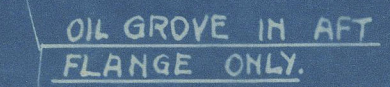


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W164-0213







Glasgow  
Harland & Wolff  
Sections in Machinery Space  
Twin Ship nos 578-9

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no 578 Corsetline

no 579 Somersline

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GLASGOW REPORT No.

41086.



29/6/20

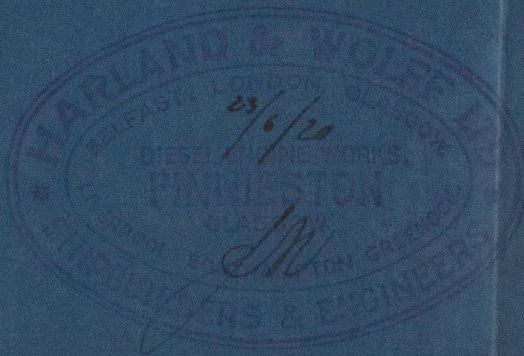
3 1/2" ER. BILGE SUCT ✓

P-1200

3 1/2" BILGE SUCT FROM DRAIN PNT ✓

AFT.

FOR



3 1/2" ER. BILGE SUCT ✓

5 BILGE PUMP DIRECT BILGE SUCT ✓

4 1/2" BILGE PUMP DIRECT SUCT ✓

28-6-20

57

PORTION OF BILGE SUCT IN LLOYD'S REGISTER FOUNDATION



W1647-0212



PORT AFT GENERATOR  
ENGINE H&W (Nº3)

PORT CENTRE GENERATOR  
ENGINE H&W (Nº2)

PORT FORD GENERATOR  
ENGINE. CROSSLEY (Nº1)

PORT MAIN ENGINE

CENTRE AFT GENERATOR  
ENGINE (CROSSLEY (Nº4))

STARBD MAIN ENGINE

ENGINE ROOM

FORD

OF SHIP

AFT

M/V DORSETSHIRE  
ARRGT OF GEN. ENGINES  
NOT TO SCALE



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W1649-0176